Docket No.: M&N-IT-426

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant** 

**GUNTHER STEINLE ET AL.** 

Filed

CONCURRENTLY HEREWITH

Title

LASER DIODE WITH VERTICAL RESONATOR AND METHOD

FOR FABRICATING THE DIODE

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

U.S. Patent No. 5,262,360 (Holonyak, Jr, et al.), dated November 16, 1993;

U.S. Patent No. 5,557,626 (Grodzinski et al.), dated September 17, 1996;

European Patent Application EP 0 939 471 A1 (Uenohara et al.), dated September 1, 1999;

Patent Abstracts of Japan 06029611 A (Mitsunori), dated February 4, 1994;

Patent Abstracts of Japan 10200210 A (Hideo), dated July 31, 1998;

International Search Report, dated February 13, 2003.

Respectfully submitted,

For Applicants

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| FORM PTO-1449 (SUBSTITUTE)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b)) |   |                 |                   | Attorney Docket No.: M&N-IT-426 Appl. No.:  Applicant: GUNTHER STEINLE ET AL.  Filing Date: September 3, 2003 Group Art Unit: 2929 |       |              |                     |  |
|---|---|-----------------|-------------------|--|-------|--------------|---------------------|--|
|   |   |                 |                   |  |       |              |                     |  |
| EXAMINER INITIALS   |   | PATENT NO.      | DATE              | PATENTEE   | CLASS | SUB          | FILING<br>DATE      |  |
| DW  | Α | 5,262,360       | 11/16/93          | Holonyak, Jr. et al.   | 52.00 | 02,00        | 3,12                |  |
| DM  | В | 5,557,626       | 9/17/96           | Grodzinski et al.  |       |              |                     |  |
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| FOREIGN PATENT DOCUMENT   |   |                 |                   |  |       |              |                     |  |
| ,   | , | DOCUMENT NO.    | DATE              | COUNTRY  | CLASS | SUB<br>CLASS | TRANSL.<br>YES   NO |  |
| DW  | J | 0 939 471 A1 'J | 9/1/99            | Europe   |       |              |                     |  |
|   | K | 06029611 A √    | 2/4/94            | Japan  |       |              |                     |  |
| V   | L | 10200210 A 🕥    | 7/31/98           | Japan  |       |              |                     |  |
|   | М |                 |                   |  |       |              |                     |  |
|   | 7 |                 |                   |  |       | <u></u>      |                     |  |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |   |                 |                   |  |       |              |                     |  |
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|   |   |                 |                   |  |       |              |                     |  |
| EXAMINER DATE CONSIDERED 6/22/05  |   |                 |                   |  |       |              |                     |  |
|   |   |                 |                   |  |       |              |                     |  |